



IN THE UNITED STATES PATENT  
AND TRADEMARK OFFICE

MAIL STOP PATENT APPLICATION  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

CERTIFICATE UNDER 37 CFR 1.10

I hereby certify that this correspondence and the documents referred to as attached therein are being deposited on September 22, 2003 with the United States Postal Service in an envelope as "Express Mail Post Office to Addressee," mailing label No. EV349851987US addressed to: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

9/22/03 Keith M. Tackett  
Date Signature



Re:Inventor(s): Balasubramanian Ramachandran; Ravi Jallepally ; Ryan C. Boas; Sundar Ramamurthy; Amir Al-Bayati; Houada Graoui; Joe Spear

Title: ADVANCES IN SPIKE ANNEAL PROCESSES FOR ULTRA SHALLOW JUNCTIONS

Transmitted herewith is the patent application identified above, including:

- ☒ Specification, claims and abstract 18 Total Pages
- ☒ Drawings ☒ Formal ☐ Informal 4 Total Pages
- ☒ Executed Declaration and Power of Attorney (unsigned)
- ☐ Information Disclosure Statement with List
- ☐ Assignment of the Invention to **Applied Materials, Inc.**

FEE CALCULATION

	NUMBER OF CLAIMS FILED	LESS NUMBER PAID BY BASIC FEE	NUMBER OF EXTRA CLAIMS (Not less than zero)	ENTITY FEE
Basic Fee				\$750.00
Total Claims	20	- 20 = 0	X =	\$0.00
Independent Claims	3	- 3 = 0	X =	\$0.00
First Presentation of Multiple Dependent Claims + \$..00				
Total Filing Fee Calculation				\$ 0.00

- ☐ The Commissioner is hereby authorized to charge \$750.00 to Deposit Account No. **50-1074/AMAT/7916/FEP/OXD/JW**. A duplicate copy of this transmittal is enclosed.
- ☐ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. **50-1074/AMAT/7916/FEP/OXD/JW**. A duplicate copy of this transmittal is enclosed.
- ☒ Please address all future correspondence to: ☒ Please direct all telephone calls to:  
**PATENT COUNSEL**  
**APPLIED MATERIALS, INC.**  
Legal Affairs Department  
P.O. Box 450A  
Santa Clara, CA 95052  
**B. Todd Patterson**  
**713-623-4844**

Respectfully submitted,

Keith M. Tackett

Keith M. Tackett  
Registration No. 32,008